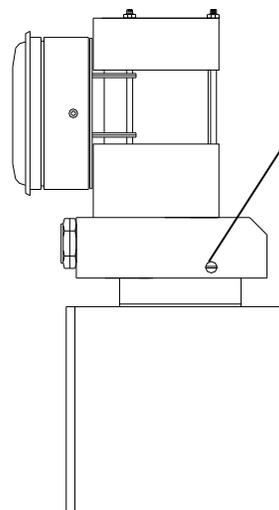


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Subject: Internal Mist By-Pass for LubriMate Lubrication Systems

LSC announces a product improvement in the construction of the LubriMist® LubriMate™ Lubrication System. To use the LubriMate™ in applications where the mist demand is less than 0.40 SCFM, it was necessary to install an external mist flow by-pass. When the LubriMate™ was first introduced, users were instructed to install a mist reclassifier, P/N 77800503, in-line between one of the mist supply connections located on top of the reservoir and a return connection located on the back of the mist manifold block. Later shipments included the reclassifier already installed as part of the shipped unit. Instructions were then given to remove the reclassifier if the total mist demand was greater than 0.40 SCFM.

Now, an integral mist bypass valve has been incorporated into the design of the LubriMate™. When the by-pass valve is opened, mist flow is internally routed to the mist recovery system, just as though the reclassifier were installed. Minimum airflow requirements are maintained without the need to add the mist reclassifier fitting. If the serviced machinery has a total mist flow requirement greater than or equal to 0.40 SCFM, the by-pass valve should be closed.



Mist Flow Bypass Valve

Adjust CW to the full CLOSED position if the total oil mist output is \geq 0.40 SCFM

Adjust CCW to full OPEN position if the total oil mist output is $<$ 0.40 SCFM (factory setting)

All new LubriMate™ Lubrication Systems equipped with an internal mist by-pass valve are shipped with the mist by-pass valve in the full open position. The bypass valve is located on the right side of the mist manifold block. If the total mist output requirement is \geq 0.40



SCFM, close the mist flow by-pass valve to the full closed position. The valve is in the full closed position when the valve is turned fully in and seated. It is in the full open position when the face of the valve stem is flush with the face of the mist generator head. See the section of the LubriMate™ Installation & Operation Manual titled *Selection of Application Fittings (Mist Reclassifiers)* to determine the mist output of your system See other sections in the manual for more information on this revision.

Charlie Ehlert
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